

DATA RESOURCES GUIDE

EPIDEMIOLOGY & PUBLIC HEALTH INFORMATICS PROGRAM
CHICAGO DEPARTMENT OF PUBLIC HEALTH

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Updated 8/12/2013



Rahm Emanuel
Mayor



Bechara Choucair, M.D.
Commissioner

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM DATA

INTERACTIVE QUERY SYSTEM

[Illinois Behavioral Risk Factor Surveillance System](#)

GENERAL TOPIC AREAS

Alcohol Consumption
Anxiety and Depression
Arthritis Burden
Asthma
Cancer Survivors
Cardiovascular Disease Prevalence
Caregiver Status
Cholesterol Awareness
Chronic Obstructive Pulmonary Disease
Colorectal Cancer Screening
Demographics
Diabetes
Disability
Drinking and Driving
Emotional Support & Life Satisfaction
Excess Sun Exposure
Falls
Firearms
Fruits and Vegetables
Health Care Access
Healthy Days -- Health-Related Quality of Life
Health Status
HIV/AIDS
Hypertension Awareness
Immunization
Injury Prevention
Oral Health
Physical Activity/Exercise
Pre-Diabetes
Prostate Cancer Screening
Seat Belt Use
Skin Cancer
Sleep
Tobacco Use
Veteran's Status
Visual Impairment and Access to Eye Care
Weight Control
Women's Health

QUESTIONS

Exact questions in the Behavioral Risk Factor Surveillance System (BRFSS) vary by year, and may be phrased differently from one year to the next and/or be removed or added over time. A detailed listing of available questions by year is available online at the [Illinois BRFSS web site](#).

DATES

1996-2011

POPULATION

Data are available for City of Chicago residents, age 18 or older (no geographic subdivisions, i.e. community area or zip code).

RELEASE POLICY FOR DATA REQUESTS

Counts and/or percentages will be suppressed to maintain confidentiality. Percentages may be aggregated over demographic categories (i.e., gender, race/ethnicity, etc.) in order to provide reliable statistics or they may be suppressed entirely with only raw numbers/counts given to prevent dissemination of unreliable data. Alternatively, 95% confidence intervals may be included to indicate the variability and caution data users about interpreting small numbers.

DATA ANALYSIS REQUESTS

(Analysis done by CDPH)

Submit a [data analysis request](#) to the Epidemiology & Public Health Informatics Program. For more information, email the Epidemiology & Public Health Informatics Program at epidatarequests@cityofchicago.org.

DATA SET REQUESTS

(Record level data for research purposes, analysis by requestor)

Contact: Illinois Department of Public Health

Illinois Center for Health Statistics

217-785-1064

<http://app.idph.state.il.us/brfss/contactus.asp>

BIRTH CERTIFICATE DATA

INTERACTIVE QUERY SYSTEMS

[IPLAN Data System](#)

[IQuery](#)

VARIABLES

Date of birth of child
Sex of child
Race of child
County of occurrence
City of occurrence
Hospital code
Number of children born
Birth order
Attendant at birth
Place of delivery
Weight of child
Clinical estimate of gestation
Apgar score at 1 minute/5 minutes
Year of death
State of death
County of residence of mother
City of residence of mother
Community area
Zip code
Census tract
Age of mother/father
Race of mother/father
Place of birth of mother/father
Is mother married
Month prenatal care began
Number of visits to doctor
Total children born
Live births now living
Live births now dead
Other terminations
Date of last live birth
Date of last termination
Medical risk factors (up to 9)
Method of delivery (up to 3)
Cigarettes per day
Drinks per week
Weight gained
Obstetric procedures (up to 7)
Complications in labor and delivery (up to 9)
Abnormal conditions (up to 5)
Congenital anomalies (up to 8)
Pregnancy interval
Trimester care began
Kessner Index
Date of last menses

DATES

1968-2009

POPULATIONS

Data are available for occurrence or residence in the City of Chicago. Beginning in 1994, data are available for occurrence or residence in Cook, DeKalb, Dupage, Kane, Lake, McHenry and Will counties.

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DATA SET REQUESTS

(Record level data for research purposes, analysis by requestor)

Contact: Illinois Department of Public Health
Division of Vital Records
217-782-6554

DEATH CERTIFICATE DATA

INTERACTIVE QUERY SYSTEMS

[IDPH Mortality Database](#)

[IPLAN Data System](#)

[IQuery](#)

VARIABLES

Sex
Race
Date of birth
Date of death
Age
Place of birth
Hispanic origin
Marital status
Veteran status
Education
Month of injury
Cause(s) of death (ICD-9/10)
Underlying cause of death (ICD-9/10)
Autopsy
Place of accident
Type of certificate
Place of death
Community area of residence
Census tract of residence
Place of injury (geographic location)
Type of place of death*
Place of injury (home, school, etc.)*
Pregnancy in last 3 months*
Injury at work*
Manner of death*
Activity code*

DATES

1967-2009

POPULATIONS

Death data are available for occurrence or residence in the City of Chicago.

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Division of Vital Records
217-782-6554

*Only available from 1989 on.

FETAL* DEATH CERTIFICATE DATA

VARIABLES

Date of delivery
 Delivery county and city (state if outside IL)
 Place of delivery
 Attendant
 Sex
 Race
 Weight
 Gestation
 Maternal residence (county, city, community area, census tract)
 Maternal age
 Maternal place of birth
 Maternal race
 Hispanic origin of mother
 Marital status of mother
 Education of mother
 Paternal age
 Paternal place of birth
 Paternal race
 Hispanic origin of father
 Education of father
 Month prenatal care began
 Number of visits to doctor
 Single or plural birth and total children born
 Number of previous live births now living
 Number of previous live births now dead
 Number of previous terminations
 Date of last live birth
 Date of last termination
 Date of last menses
 Maternal medical risk factors (up to 9)
 Maternal cigarettes per day
 Maternal drinks per week
 Maternal weight gain
 Obstetric procedures performed (up to 7)
 Method of delivery (up to 3)
 Complications during labor and delivery (up to 9)
 Congenital abnormalities (up to 8)
 Cause of death
 Autopsy
 When fetus died (before or after labor, during delivery, etc.)

DATES

1979-2006

POPULATIONS

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Contact: Illinois Department of Public Health
 Division of Vital Records
 217-782-6554

*Death prior to delivery of a fetus that has completed at least 20 weeks gestation.

HOSPITALIZATION INPATIENT DISCHARGE DATA

INTERACTIVE QUERY SYSTEM

[Hospital Discharge Database Inpatient Interactive Query](#)

VARIABLES

Patient's date of birth
Sex
Admit date
Discharge date
Source of admission
Type of admission
Length of stay (days)
Patient status
Principal diagnosis code (ICD-9-CM)
Secondary diagnosis code (ICD-9-CM, up to 8*)
Principal procedure code
Secondary procedure code (up to 5*)
Diagnosis related group
Major diagnostic category
Total charges
Room and board charges
Ancillary charges
Anesthesiology charges
Pharmacy charges
Radiology charges
Clinical lab charges
Labor-delivery charges
Operating room charges
Oncology charges
Other charges
Newborn indicator
Primary payer type
Secondary payer type
Tertiary payer type
Patient zip code
Patient planning area
Patient race**
Patient ethnicity**

DATES

1992-2011

POPULATIONS

Data are available for City of Chicago residents.

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DATA SET REQUESTS

(Record level data for research purposes, analysis by requestor)

Contact: Illinois Department of Public Health
217-782-4977

*Up to 25 beginning in 2008

**Beginning in 2009

HOSPITALIZATION OUTPATIENT DISCHARGE DATA

VARIABLES

Patient date of birth
Sex
Admit date
Discharge date
Source of admission
Type of admission
Principal diagnosis code (ICD-9-CM)
Secondary diagnosis code (ICD-9-CM, up to 25)
Principal procedure code
Secondary procedure code (up to 25)
Total charges
Anesthesiology charges
Pharmacy charges
Radiology charges
Clinical lab charges
Operating room charges
Other charges
Primary payer type
Secondary payer type
Tertiary payer type
Patient zip code
Patient planning area
Patient race
Patient ethnicity

DATES

2009-2011

POPULATIONS

Data are available for City of Chicago residents.

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Contact: Illinois Department of Public Health
217-782-4977

MATCHED* BIRTH AND DEATH CERTIFICATE DATA

VARIABLES

Date of birth of child
 Sex of child
 Race of child
 County of occurrence
 City of occurrence
 Hospital code
 Number of children born
 Birth order
 Attendant at birth
 Place of delivery
 Weight of child
 Clinical estimate of gestation
 Apgar score at 1 minute
 Apgar score at 5 minutes
 Year of death
 State of death
 County of residence of mother
 City of residence of mother
 Community area
 Zip code
 Census tract
 Age of mother
 Age of father
 Race of mother
 Race of father
 Place of birth of mother
 Place of birth of father
 Is mother married
 Month prenatal care began
 Number of visits to doctor
 Total children born
 Live births now living
 Live births now dead
 Other terminations
 Date of last live birth
 Date of last termination
 Medical risk factors (up to 9)
 Method of delivery (up to 3)
 Cigarettes per day
 Drinks per week
 Weight gained
 Obstetric procedures (up to 7)
 Complications in labor and delivery (up to 9)
 Abnormal conditions (up to 5)
 Congenital anomalies (up to 8)
 Pregnancy interval
 Trimester care began
 Kessner Index

*Linked certificates for infants who die before their first birthday.

VARIABLES (continued)

Date of last menses
 Date of death
 Age at death
 Underlying cause of death (ICD-9/10)
 Cause(s) of death (ICD-9/10)
 Place of death (geographic location)
 Type of place of death
 Place of injury (geographic location)
 Month of injury
 Place of accident
 Type of certificate
 Residence at time of death
 Autopsy

DATES

1975-2007

POPULATIONS

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